

For Research Use Only

CD11a/Integrin Alpha L Polyclonal antibody



Catalog Number: 15574-1-AP

2 Publications

Basic Information

Catalog Number: 15574-1-AP	GenBank Accession Number: BC008777	Purification Method: Antigen affinity purification
Size: 187 µg/ml	GeneID (NCBI): 3683	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	ENSEMBL Gene ID: ENSG00000005844	
Isotype: IgG	UNIPROT ID: P20701	
Immunogen Catalog Number: AG7920	Full Name: integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)	
	Calculated MW: 129 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

CD11a, also known as integrin α L or LFA-1 α , is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1), ICAM-2, and ICAM-3 (PMID: 7479767). CD11a/CD18 also functions in lymphocyte costimulatory signaling (PMID: 1972160).

Notable Publications

Author	Pubmed ID	Journal	Application
Ceshu Gao	34022890	J Neuroinflammation	WB
Xuyong Wei	35430532	Transl Oncol	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

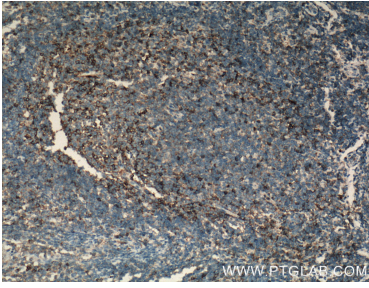
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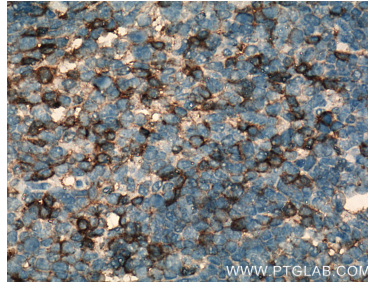
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15574-1-AP (CD11a/Integrin alpha-L Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15574-1-AP (CD11a/Integrin alpha-L Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).